

# PROJECT NUMBER: 656-12-339

## RECONFIGURE/EXPAND BUILDINGS 28 & 9

### FOR RESIDENTIAL REHABILITATION

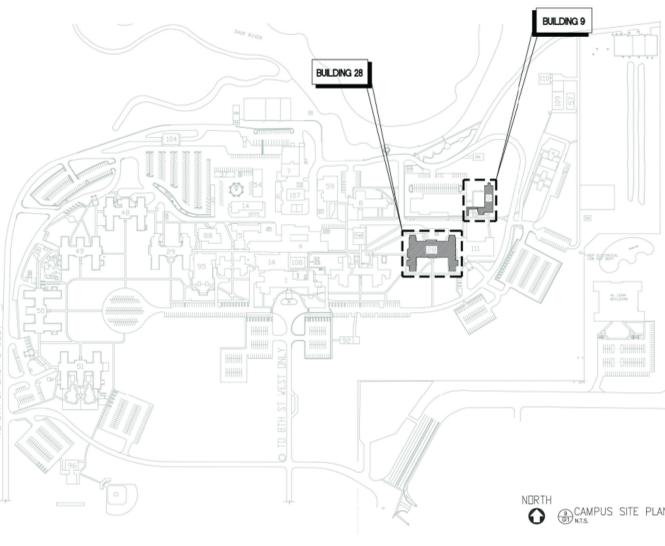
#### TREATMENT PROGRAM

ST. CLOUD, MINNESOTA



### PROJECT TEAM

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#### SYMBOLS LEGEND

<b>ROOM IDENTIFICATION TAG</b> Room name - ROOM NAME 101 - ROOM NUMBER	<b>DRAWING IDENTIFICATION</b> ① View Name 1/8" = 1'-0"
<b>OPENING IDENTIFICATION TAGS</b> 444A - DOOR NUMBER Window symbols for window identification, curtain wall, and structural grid.	<b>BUILDING SECTION IDENTIFICATION</b> AS444 - DRAWING NUMBER Direction of view from cut
<b>COLUMN / GRID IDENTIFICATION</b> 44 - NEW COLUMN / STRUCTURAL GRID 44 - EXISTING COLUMN / STRUCTURAL GRID	<b>WALL SECTION IDENTIFICATION</b> A111 - DRAWING NUMBER Line of cut
<b>ASSEMBLY IDENTIFICATION</b> Name - ELEVATION DATUM CAB - CABINET C.B. - CATCH BASIN CC - CONTRACTOR PROVIDED CONTRACTOR INSTALLED CONSTRUCTION CONTROL JOINT CORNER GUARD CONTROL JOINT	<b>DETAIL SECTION IDENTIFICATION</b> A101 - DRAWING NUMBER Line of cut
<b>MATERIAL/OBJECT IDENTIFICATION</b> -MATT ID- MATERIAL ID TAG APPLIES TO WALLS, FLOORS & ROOFS - SEE SHEET 0001 FOR ASSEMBLY DESCRIPTIONS	<b>NORTH ARROW</b> PROJECT NORTH TRUE NORTH
<b>REVISION DELTA</b> APPLIES TO WALLS, FLOORS & ROOFS - SEE SHEET 0002 FOR MATERIAL ID INDEX	<b>SHEET KEYNOTE</b> SHEET KEYNOTE

### GENERAL NOTES

All dimensions on drawings are approximate. Drawings are not to be scaled. It is the responsibility of the contractor to verify all field conditions and physical dimensions that influence the construction area.

It is recommended that contractors visit the proposed construction site prior to submitting their bids and they are encouraged to do so.

Contractor shall adhere strictly to State and Federal Occupational Safety and Health Administration (OSHA) Standards.

Contractor shall park only in the designated parking areas and are not to park on the lawn areas; the only exception is to load or unload supplies or equipment.

Contractor is responsible for the safeguarding of their tools and equipment. All tools and equipment are not to be left unattended and are to be secured at all times when the contractor is not present, or the construction site is not supervised by the contractor.

All VA property is to be safeguarded from damage. Any damaged VA property is to be restored to original condition prior to damage or replaced completely. This includes installation, labor, and procurement expenses.

All demolished material becomes the property and the responsibility of the contractor with the exception of specified items designated either in the plans or verbally requested by the COR to be retained by the VA. Offsite disposal of the demolished items is the responsibility of the contractor.

Contractor must control demolition and construction dust from facility by erecting a dust barrier and ventilation with hepa filters. If venting to outside, the contractor will insure negative air pressure is maintained in encapsulated work area. When transporting debris, wet down sufficiently to prevent dust spreading.

If scaffolding is used, it must be used in accordance with (OSHA) regulations and is to be enclosed for the first eight feet above ground at end of each working day, until dismantled. Ladders must be removed and locked up at the end of each working day to prevent unauthorized persons from having access.

Clean all debris from construction site to the satisfaction of the COR.

Contractor is responsible for erecting a barrier around work site to prevent patients, staff and visitors from entering construction site. This fence may be a plastic snow fence at open trench areas. All other areas require a metal chain link fence to be erected.

Fencing to be 8'-0" high with top and bottom rail.

Provide vehicle/equipment swinging gate (lockable).

Provide swinging man/or gate with emergency egress capabilities.

Coordinate construction materials and location of fence with COR.

Contractor is responsible for repairing and replacing any damaged lawn. The restoration will be performed by a landscape contractor that regularly does sodding as part of their business. All damaged lawn will be overcut by 6" or more to accommodate full width rolls of sod. Top soil to be filled and graded to a smooth matching grade of undamaged lawn. Sod to be thoroughly saturated with water upon placement. The contractor is responsible for watering new sod until established lawn restoration acceptance by the COR.

Access to all buildings and parking areas must be maintained throughout the project.

Contractors are to coordinate all work with the Contracting Officers Representative. (C.O.R.)

### SITE LOCATOR

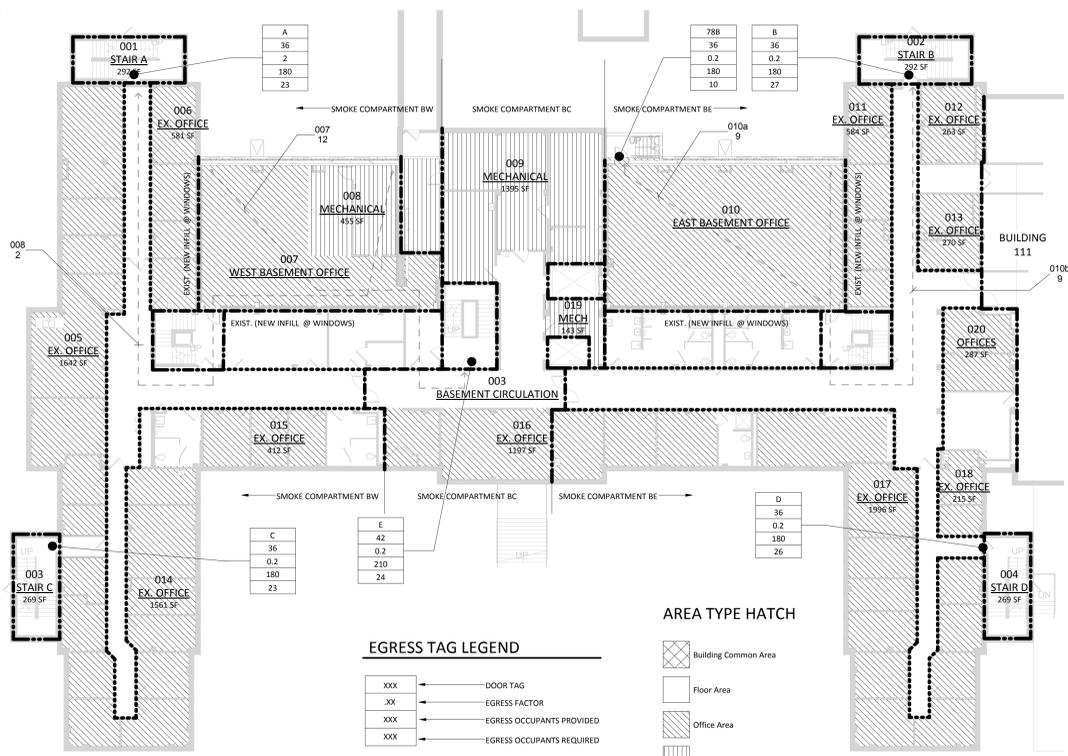


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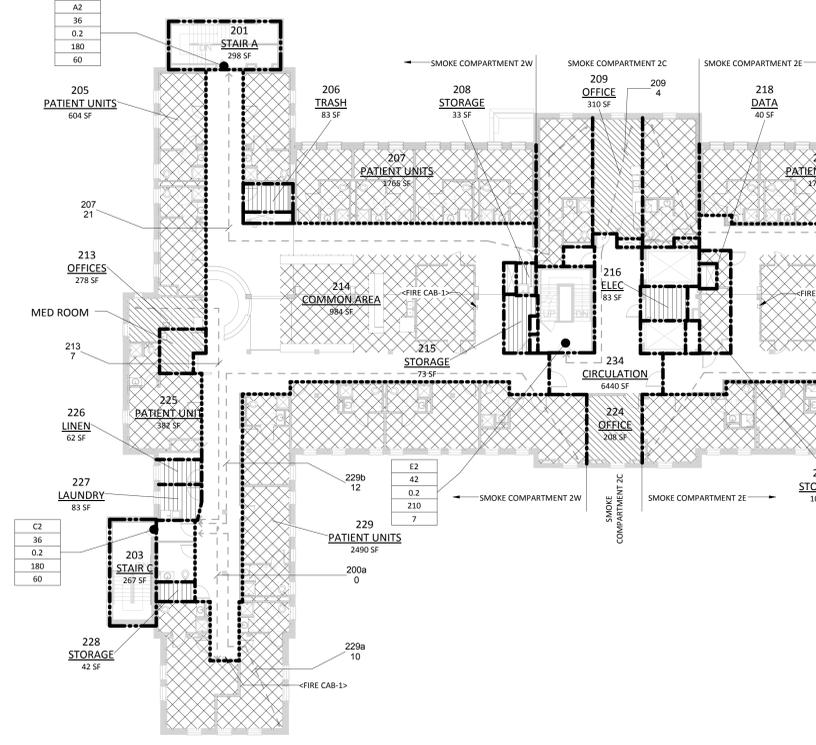
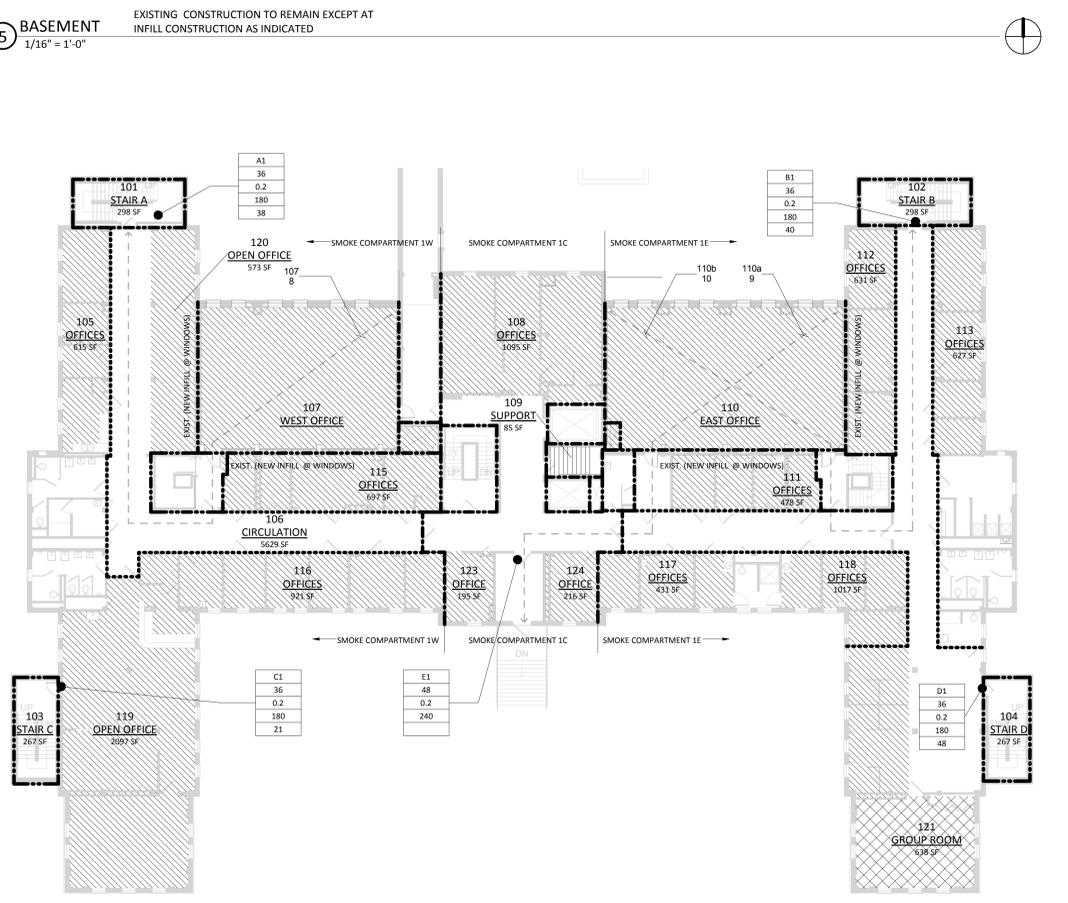
### ABBREVIATIONS

A/C	AIR CONDITIONER	DBL	DOUBLE DETAIL	GA	GALLON	MECH	MECHANICAL	REV	REVISIONS	THRU	THROUGH
ACT	ACoustic TILE	DIA	DIAMETER	GAL	GALVANIZED	MEMB	MEMBRANE	R.H.	RIGHT HAND	THLD	THRESHOLD
AC.PNL	ACoustic PANEL	DIM	DIMENSION	GALV	GALVANIZED	MFL	METAL MANUFACTURER	R.L.	ROUGH-IN	T.O.	TOP OF
AF	ABOVE FINISH FLOOR	DIV	DIVISION	GRAB BAR	GRAB BAR	MFR	MANUFACTURER	R.L.	RAIN LEADER	T.O.B.	TOP OF BEAM
ALT	ALTERNATE	DS	DOWNSPOUT	G.C.	GENERAL CONTRACTOR	M.H.	MAN HOLE	RM	ROOM	T.O.FND	TOP OF FOUNDATION
APPROX	APPROXIMATE	DN	DOWN	GEN	GENERAL	MKB	MARKER BOARD	R.O.	ROUGH OPENING	T.O.FLOOR	TOP OF FLOOR
A.B.	ANCHOR BOLT	DR	DRAIN TILE	GL	GLASS	MIN	MINIMUM	R&S	ROD & SHELF	T.O.FTG.	TOP OF FOOTING
A.H.U.	AIR HANDLING UNIT	D.T.	DISHWASHER	GW	GYPSUM WALL BOARD	MISC	MISCELLANEOUS	R.T.	RUBBER TILE	TLT	TOILET
ALUM	ALUMINUM	D.W.	DRAIN W/ASHER	GYPSUM	GYPSUM	MUL	MULLION	R.T.U.	ROOF TOP UNIT	TP	TELEPHONE POLE
A.P.	ACCESS PANEL	D	DEGREE	H.B.	HOSE BIB	M.O.	MASONRY OPENING	RUB	RUBBER	T.P.D.	TOILET PAPER DISPENSER
ARCH	ARCHITECTURAL	DISP	DISPENSER	H.C.	HOSE CABINET	MULL	MULLION	RCH	REFLECTED CEILING PLAN	TR	TRANSFORMER
ASPH	ASPHALT	DWG	DRAWING	H.D.	HEAVY DUTY	MTD	MOUNTED	REC	REINFORCED	TRNSF	TRANSFORMER
		DWL	DOWEL	HD HT	HEAD HEIGHT	N.L.C.	NOT IN CONTRACT	RS	ROUGH SAWN	TY	TYP
		EA	EACH	HDWB	HARDWOOD	NOM	NOMINAL	S.A.	SPLASH BLOCK	T.O.C.	TOP OF CURB
		E.C.	ELECTRICAL CONTRACTOR	HDBE	HARDWARE	N.T.S.	NOT TO SCALE	SC	SEALED CONCRETE	T.O.W.	TOP OF WALL
		E.J.	EXPANSION JOINT	HM	HOLLOW METAL	NEC	NATIONAL ELECTRIC CODE	SCHED	SCHEDULE	U.V.	UNIT VENTILATOR
		ELEC	ELECTRICAL	HORIZ	HORIZONTAL	NO	NO	S.D.	SEE DETAIL	U.H.	UNIT HEATER
		ELEV	ELEVATION	HT	HEIGHT	O.C.	ON CENTER	SECT	SECTION	UNEX	UNEXCAVATED
		E.O.	EQUAL	HTR	HEATER	O.D.	OUTSIDE DIAMETER	SQ	SQUARE FOOT	UNFIN	UNFINISHED
		EQUIP	EQUIPMENT	H.W.	HOT WATER	O.F.	OUTSIDE FACE	SGL	SINGLE	UNFIN	UNFINISHED
		E.W.C.	ELECTRIC WATER COOLER	HDCP	HAND COMPED	O.H.	OVERHEAD	S.G.T.	STRUCTURAL GLAZED TILE	U.S.	UNIT SCREEN
		EXP	EXHAUST	HVAC	HVAC	OPG	OPENING	SHT	SHIELD	U.V.	UNIT VENTILATOR
		EXT	EXTERIOR	INSUL	INSULATION	OPP	OPPOSITE	SIM	SIMILAR	U.T.R.	UNISEX TOILET ROOM
		EXIST	EXISTING	INT	INTERNAL	O.F.D.	OVERFLOW DRAIN	SIM	STRUCTURAL INSULATED PANEL	VER	VERIFY
		FIA	FIRE ALARM	INV	INVERT	PART	PARTITION	SPK	SPEAKER	VB	VIA FURNISHED
		F.B.	FACE BRICK	ID	INSIDE DIAMETER	PLAM	PLASTIC LAMINATE	SQR	SQUARE	VC	VENTILATED
		F.C.O.	FLOOR CLEAN-OUT	JAN	JANITOR	P.V.	POLYVINYL CHLORIDE	SPP	SPRINKLER	VCT	VINYL COMPOSITE TILE
		F.D.	FLOOR DRAIN	JST	JOIST	PREFIN	PREFINISHED	SQR	SQUARE	VENT	VENT
		F.D.V.	FIRE DEPARTMENT VALVE	JBOX	JUNCTION BOX	PLAS	PLASTIC	S.S.	STAINLESS STEEL	VERT	VERTICAL
		F.E.	FIRE EXTINGUISHER	KD	KNOCK DOWN	PLAS	PLASTIC	STL	STEEL	VOL	VOLUME
		F.F.C.	FIRE FIGHTER CABINET	LAV	LAVATORY	PLN	PLATE	STOR	STORAGE	VOL	VOLUME
		F.H.C.	FIRE HOSE CABINET	L.D.	LOADING DOCK	PLUS OR MINUS		STRUC	STRUCTURAL	V.T.R.	VENT THRU ROOF
		FIN	FINISH	L.H.	LEFT HAND			SW	SWITCH	V.V.	VIA INSTALLED
		F.O.	FINISHED OPENING	L.P.	LOW PRESSURE			SWP	SWITCH	VW	VINYL WALL COVERING
		FLR	FLOOR	L.P.	LAMINATED PLYWOOD			SWP	SWITCH	VWF	VINYL WALL FABRIC
		FND	FOUNDATION	L.V.	LAMINATED VENEER LUMBER	Q.T.	QUARTY TILE	TEMP	TEMPORARY	W	WITH
		F.P.	FACE OF STUD	LAM	LAMINATED	QTR	QUARTY	T&G	TONGUE & GROOVE	W.C.	WATER CLOSET
		FP	FIRE PROOFING	LGT	LIGHTING	R.A.	RETURN AIR	WD	WOOD	W.D.	WITHOUT
		FT	FOOT FEET	LMT	LAMINATED	R.A.F.	RETURN AIR FAN	W.D.	WOOD	W.H.	WALL HUNG
		FTG	FOOTING	LMT	LAMINATED	R.A.G.	RETURN AIR GRILLE	W/W	WATERPROOF	W.H.	WALL HUNG
		FUR	FURRING	LMT	LAMINATED	R.D.	ROOF DRAIN	W/W	WATERPROOF	W/O	WITHOUT
		FURN	FURNISH	LMT	LAMINATED	REC	RECESSED	W.P.	WATERPROOF	W.S.C.T.	WAINSCOT
				MAS	MASONRY	REF	REFRIGERATOR	WS	WATER SOFTENER		
				MAT	MATERIAL	REIN	REINFORCED				
				MAX	MAXIMUM	REIN	REINFORCED				
				M.B.	MOP BASIN	REIN	REINFORCED				



AREAS - BASEMENT										
NO.	Name	Area	Area Use Group	Occupancy Type	Use Group Area	OCC LOAD	STAIRW AY FACTOR	REQ'D STAIRWAY WIDTH	EGRESS WIDTH FACTOR	REQ'D EGRESS WIDTH
001	STAIR A	292 SF	(none)	(none)			0.3		0.2	
002	STAIR B	292 SF	(none)	(none)			0.3		0.2	
003	BASEMENT CIRCULATION	6711 SF	(none)	(none)			0.3		0.2	
004	STAIR C	269 SF	(none)	(none)			0.3		0.2	
004	STAIR D	269 SF	(none)	(none)			0.3		0.2	
005	EX. OFFICE	1642 SF	B	BUSINESS AREA	100	17	0.3	5 1/16"	0.2	3 3/8"
006	EX. OFFICE	581 SF	B	BUSINESS AREA	100	6	0.3	1 29/32"	0.2	1 1/4"
007	WEST BASEMENT OFFICE	1184 SF	B	BUSINESS AREA	100	12	0.3	3 23/32"	0.2	2 15/32"
008	MECHANICAL	455 SF	S-1	ACCESSORY STORAGE, MECH EQUIPMENT ROOM	300	2	0.3	1 9/32"	0.2	1 3/32"
009	MECHANICAL	1395 SF	S-1	ACCESSORY STORAGE, MECH EQUIPMENT ROOM	300	5	0.3	1 17/32"	0.2	1 1/32"
010	EAST BASEMENT OFFICE	1833 SF	B	BUSINESS AREA	100	19	0.3	5 21/32"	0.2	3 25/32"
011	EX. OFFICE	584 SF	B	BUSINESS AREA	100	6	0.3	1 29/32"	0.2	1 9/32"
012	EX. OFFICE	263 SF	B	BUSINESS AREA	100	3	0.3	1 5/16"	0.2	5/8"
013	EX. OFFICE	270 SF	B	BUSINESS AREA	100	3	0.3	3 1/32"	0.2	5/8"
014	EX. OFFICE	1561 SF	B	BUSINESS AREA	100	16	0.3	4 27/32"	0.2	3 7/32"
015	EX. OFFICE	412 SF	B	BUSINESS AREA	100	5	0.3	1 3/8"	0.2	1 5/16"
016	EX. OFFICE	1197 SF	B	BUSINESS AREA	100	12	0.3	3 3/4"	0.2	2 1/2"
017	EX. OFFICE	1996 SF	B	BUSINESS AREA	100	20	0.3	6 1/8"	0.2	4 3/32"
018	EX. OFFICE	215 SF	B	BUSINESS AREA	100	3	0.3	2 5/32"	0.2	1 7/32"
019	MECH	143 SF	B	ACCESSORY STORAGE, MECH EQUIPMENT ROOM	300	1	0.3	9/32"	0.2	3/16"
020	OFFICES	287 SF	B	BUSINESS AREA	100	3	0.3	1"	0.2	1 1/16"
					133	40	15	32"	26	31
						PROVIDED:	222"			228"

AREAS - LEVEL 1											
NO.	Name	Area	Area Use Group	Occupancy Type	Use Group Area	OCC LOAD	STAIRW AY FACTOR	REQ'D STAIRWAY WIDTH	EGRESS WIDTH FACTOR	REQ'D EGRESS WIDTH	
101	STAIR A	298 SF	(none)	(none)			0.3		0.2		
102	STAIR B	298 SF	(none)	(none)			0.3		0.2		
103	STAIR C	267 SF	(none)	(none)			0.3		0.2		
104	STAIR D	267 SF	(none)	(none)			0.3		0.2		
105	OFFICES	615 SF	B	BUSINESS AREA	100	7	0.3	2"	0.2	1 11/32"	
106	CIRCULATION	5629 SF	(none)	(none)			0.3		0.2		
107	WEST OFFICE	1592 SF	B	BUSINESS AREA	100	16	0.3	4 15/16"	0.2	3 9/32"	
108	OFFICES	1095 SF	B	BUSINESS AREA	100	11	0.3	3 7/16"	0.2	2 9/32"	
109	SUPPORT	85 SF	(none)	ACCESSORY STORAGE, MECH EQUIPMENT ROOM	300	1	0.3	1/4"	0.2	5/32"	
110	EAST OFFICE	1854 SF	B	BUSINESS AREA	100	19	0.3	5 23/32"	0.2	3 13/16"	
111	OFFICES	478 SF	B	BUSINESS AREA	100	5	0.3	1 19/32"	0.2	1 1/16"	
112	OFFICES	631 SF	B	BUSINESS AREA	100	7	0.3	2 1/32"	0.2	1 3/8"	
113	OFFICES	627 SF	B	BUSINESS AREA	100	7	0.3	2 1/32"	0.2	1 11/32"	
115	OFFICES	697 SF	B	BUSINESS AREA	100	7	0.3	2 1/4"	0.2	1 1/2"	
116	OFFICES	921 SF	B	BUSINESS AREA	100	10	0.3	2 29/32"	0.2	1 15/16"	
117	OFFICES	431 SF	B	BUSINESS AREA	100	5	0.3	1 7/16"	0.2	3 1/32"	
118	OFFICES	1017 SF	B	BUSINESS AREA	100	11	0.3	3 3/16"	0.2	2 1/8"	
119	OPEN OFFICE	2097 SF	B	BUSINESS AREA	100	21	0.3	6 7/16"	0.2	4 9/32"	
120	OPEN OFFICE	573 SF	B	BUSINESS AREA	100	6	0.3	1 7/8"	0.2	1 1/4"	
121	GROUP ROOM	638 SF	B	BUSINESS AREA	100	7	0.3	2 1/16"	0.2	1 3/8"	
123	OFFICE	195 SF	B	BUSINESS AREA	100	2	0.3	3/4"	0.2	1/2"	
124	OFFICE	216 SF	B	BUSINESS AREA	100	3	0.3	2 5/32"	0.2	1 7/32"	
					20519	145	43	21	32"	29	18
						PROVIDED:	192"			228"	



AREAS - LEVEL 2											
NO.	Name	Area	Area Use Group	Occupancy Type	Use Group Area	OCC LOAD	STAIRW AY FACTOR	REQ'D STAIRWAY WIDTH	EGRESS WIDTH FACTOR	REQ'D EGRESS WIDTH	
201	STAIR A	298 SF	(none)	(none)			0.3		0.2		
202	STAIR B	298 SF	(none)	(none)			0.3		0.2		
203	STAIR C	267 SF	(none)	(none)			0.3		0.2		
204	STAIR D	267 SF	(none)	(none)			0.3		0.2		
205	PATIENT UNITS	604 SF	I-2	INSTITUTIONAL AREA - SLEEPING	120	6	0.3	1 21/32"	0.2	1 3/32"	
206	TRASH	83 SF	ACCESSORY USE	ACCESSORY STORAGE, MECH EQUIPMENT ROOM	300	1	0.3	7/32"	0.2	5/32"	
207	PATIENT UNITS	1765 SF	I-2	INSTITUTIONAL AREA - SLEEPING	120	15	0.3	4 9/16"	0.2	3 1/32"	
208	STORAGE	33 SF	ACCESSORY USE	ACCESSORY STORAGE, MECH EQUIPMENT ROOM	300	1	0.3	3/16"	0.2	1/8"	
209	OFFICE	310 SF	B	BUSINESS AREA	100	4	0.3	1 3/32"	0.2	2 3/32"	
210	PATIENT UNITS	1758 SF	I-2	INSTITUTIONAL AREA - SLEEPING	120	15	0.3	4 17/32"	0.2	3 1/32"	
211	TRASH	96 SF	ACCESSORY USE	ACCESSORY STORAGE, MECH EQUIPMENT ROOM	300	1	0.3	1/4"	0.2	5/32"	
212	PATIENT UNITS	618 SF	I-2	INSTITUTIONAL AREA - SLEEPING	120	6	0.3	1 11/16"	0.2	1 1/8"	
213	OFFICES	278 SF	B	BUSINESS AREA	100	3	0.3	1"	0.2	2 1/32"	
214	COMMON AREA	984 SF	A-3	ASSEMBLY - W/O FIXED SEATING - UNCONCENTRATED	15	66	0.3	19 13/16"	0.2	13 7/32"	
215	STORAGE	73 SF	ACCESSORY USE	ACCESSORY STORAGE, MECH EQUIPMENT ROOM	300	1	0.3	7/32"	0.2	5/32"	
216	ELEC	83 SF	ACCESSORY USE	ACCESSORY STORAGE, MECH EQUIPMENT ROOM	300	1	0.3	7/32"	0.2	5/32"	
218	DATA	40 SF	ACCESSORY USE	ACCESSORY STORAGE, MECH EQUIPMENT ROOM	300	1	0.3	3/16"	0.2	1/8"	
220	STORAGE	109 SF	(none)	ACCESSORY STORAGE, MECH EQUIPMENT ROOM	300	1	0.3	1/4"	0.2	3/16"	
221	COMMON AREA	970 SF	A-3	ASSEMBLY - W/O FIXED SEATING - UNCONCENTRATED	15	65	0.3	19 9/16"	0.2	13 1/32"	
222	OFFICES	279 SF	B	BUSINESS AREA	100	3	0.3	1"	0.2	2 1/32"	
223	PATIENT UNIT	354 SF	I-2	INSTITUTIONAL AREA - SLEEPING	120	3	0.3	1 1/32"	0.2	1 1/16"	
224	OFFICE	208 SF	B	BUSINESS AREA	100	3	0.3	2 5/32"	0.2	1/2"	
225	PATIENT UNIT	382 SF	I-2	INSTITUTIONAL AREA - SLEEPING	120	4	0.3	1 3/32"	0.2	3/4"	
226	LINEN	62 SF	ACCESSORY USE	ACCESSORY STORAGE, MECH EQUIPMENT ROOM	300	1	0.3	7/32"	0.2	5/32"	
227	LAUNDRY	83 SF	ACCESSORY USE	ACCESSORY STORAGE, MECH EQUIPMENT ROOM	300	1	0.3	7/32"	0.2	5/32"	
228	STORAGE	42 SF	ACCESSORY USE	ACCESSORY STORAGE, MECH EQUIPMENT ROOM	300	1	0.3	3/16"	0.2	1/8"	
229	PATIENT UNITS	2490 SF	I-2	INSTITUTIONAL AREA - SLEEPING	120	21	0.3	6 3/8"	0.2	4 1/4"	
230	PATIENT UNITS	2575 SF	I-2	INSTITUTIONAL AREA - SLEEPING	120	22	0.3	6 19/32"	0.2	4 13/32"	
231	LINEN	58 SF	ACCESSORY USE	ACCESSORY STORAGE, MECH EQUIPMENT ROOM	300	1	0.3	7/32"	0.2	1/8"	
232	LAUNDRY	88 SF	ACCESSORY USE	ACCESSORY STORAGE, MECH EQUIPMENT ROOM	300	1	0.3	1/4"	0.2	5/32"	
233	STORAGE	42 SF	ACCESSORY USE	ACCESSORY STORAGE, MECH EQUIPMENT ROOM	300	1	0.3	3/16"	0.2	1/8"	
234	CIRCULATION	6440 SF	(none)	(none)			0.3		0.2		
					22035	249	73	19	32"	49	16
						PROVIDED:	192"			186"	

Travel Distances		Travel Distances	
Path ID	Travel Distance	Path ID	Travel Distance
007	0'	207	144'
008	168'	209	65'
010a	55'	210	135'
010b	135'	213	71'
107	154'	222	74'
110a	121'	229a	56'
110b	165'	229b	131'
200a	30'	230a	135'
200b	30'	230b	53'
Grand total: 1815'		101	

**CODE PLAN GENERAL NOTES**

MAXIMUM TRAVEL DISTANCE = 200'

MAXIMUM COMMON PATH OF TRAVEL DISTANCE = 75'

ALLOWED DEADEND CORRIDOR = 50'

MAXIMUM SMOKE COMPARTMENT = 22,500 SF

CORRIDOR WALLS TO TERMINATE AT UNDERSIDE OF FLOOR STRUCTURE AND BE BUILT AS 1-HOUR RATED CONSTRUCTION (20-MINUTE DOORS, NO CLOSERS INSTALLED ON DOORS AT THIS TIME).

ALL FLOOR TO BE CONSTRUCTED AS 2 HOUR SMOKE BARRIERS.



**CODE SUMMARY**

**APPLICABLE CODES & STANDARDS:**

- DEPT. OF VETERANS AFFAIRS - DESIGN MANUALS & STANDARDS
- 2009 NFPA 101 LIFE SAFETY CODE
- 2009 INTERNATIONAL BUILDING CODE (IBC)
- UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS) - INCLUDING VA SUPPLEMENT, BARRIER FREE DESIGN
- ENERGY POLICY ACT OF 2005 (EPAC)
- 2009 NFPA NATIONAL FIRE CODES WITH THE EXCEPTION OF NFPA 5000 AND NFPA 900
- 2011 NATIONAL ELECTRICAL CODE (NEC)
- 2009 NATIONAL STANDARD PLUMBING CODE
- 2009 INTERNATIONAL MECHANICAL CODE
- 2009 INTERNATIONAL FUEL GAS CODE
- OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS - GUIDELINES FOR DESIGN AND CONSTRUCTION OF HOSPITAL & HEALTHCARE FACILITIES
- 2006
- LOCAL CODES: AS AN AGENCY OF THE FEDERAL GOVERNMENT, THE VA IS NOT SUBJECT TO LOCAL IMPOSITION OF CODE REINFORCEMENT PROCEDURES.

**OCCUPANCY GROUP CLASSIFICATION:**

NEW HEALTH CARE (NHPA)

INSTITUTIONAL GROUP I-1 (IBC)

**TYPE OF CONSTRUCTION:**

TYPE II (221) - (NHPA)

II (IBC)

**NUMBER OF STORIES:**

3

**SQUARE FOOTAGE/HEIGHT:**

54,405 SF

**OCCUPANT LOAD:**

527

**EXITS REQUIRED:**

4

**EXITS PROVIDED:**

5

**SMOKE DETECTION:**

PER 2009 NFPA 101 LIFE SAFETY CODE

**FIRE PROTECTION:**

FULLY SPRINKLED - QUICK RESPONSE

**1 FIRST FLOOR**  
1/16" = 1'-0"

EXISTING CONSTRUCTION TO REMAIN EXCEPT AT INFILL CONSTRUCTION AS INDICATED

NO.	REVISION	DATE

**2 SECOND FLOOR**  
1/16" = 1'-0"

EXISTING CONSTRUCTION TO REMAIN EXCEPT AT INFILL CONSTRUCTION AS INDICATED

I HAVE REVIEWED THE ATTACHED CODE PLAN AND HAVE FOUND IT TO BE IN GENERAL CONFORMANCE WITH THE CODES AND STANDARDS LISTED AND THAT I AM A LEA & LICENSED FIRE PROTECTION ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

*Lewis Anderson*

LEWIS E. ANDERSON, PE REG. NO. 12-31-2013

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**JLG 11129**

**100% CD SET** FOR CONSTRUCTION

**St. Cloud VA Health Care System**  
Brainerd | Montevideo | Alexandria

**REVISIONS**

NO.	REVISION	DATE

**PROJECT TITLE:** CODE SHEET

**PROJECT NO.:** 28

**DESIGNED BY:** DJM

**DRAWN BY:** ADB

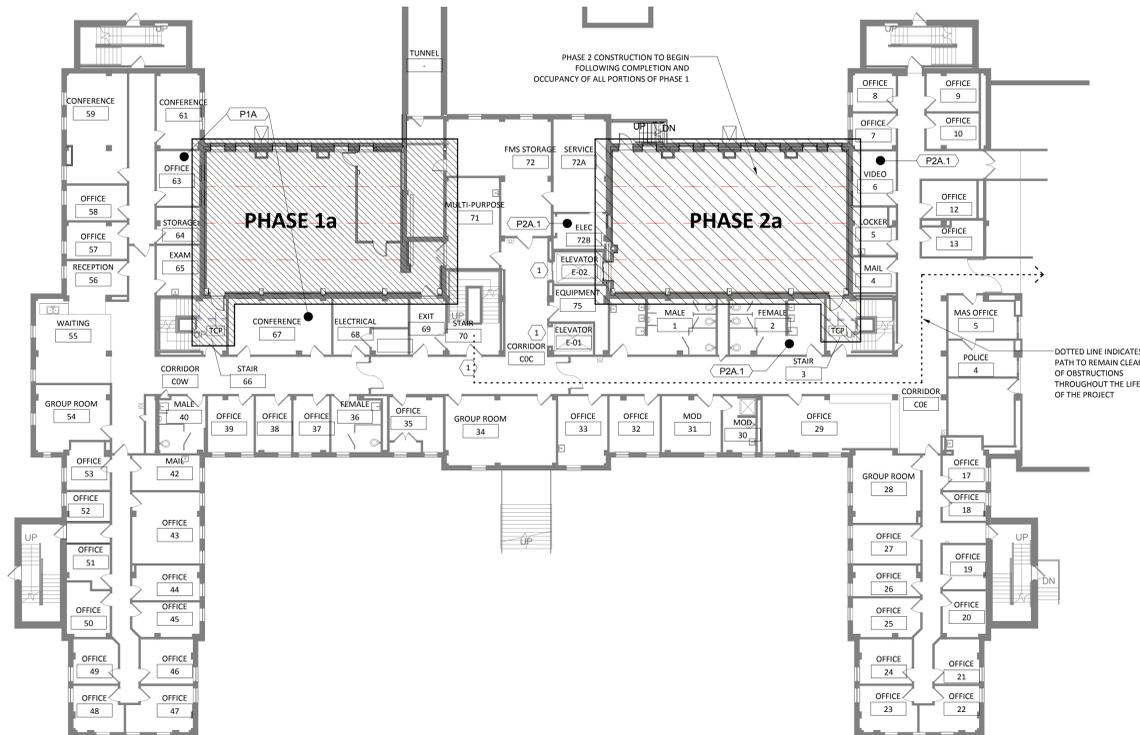
**DATE:** 12-20-2013

**DATE:** 12-20-2013

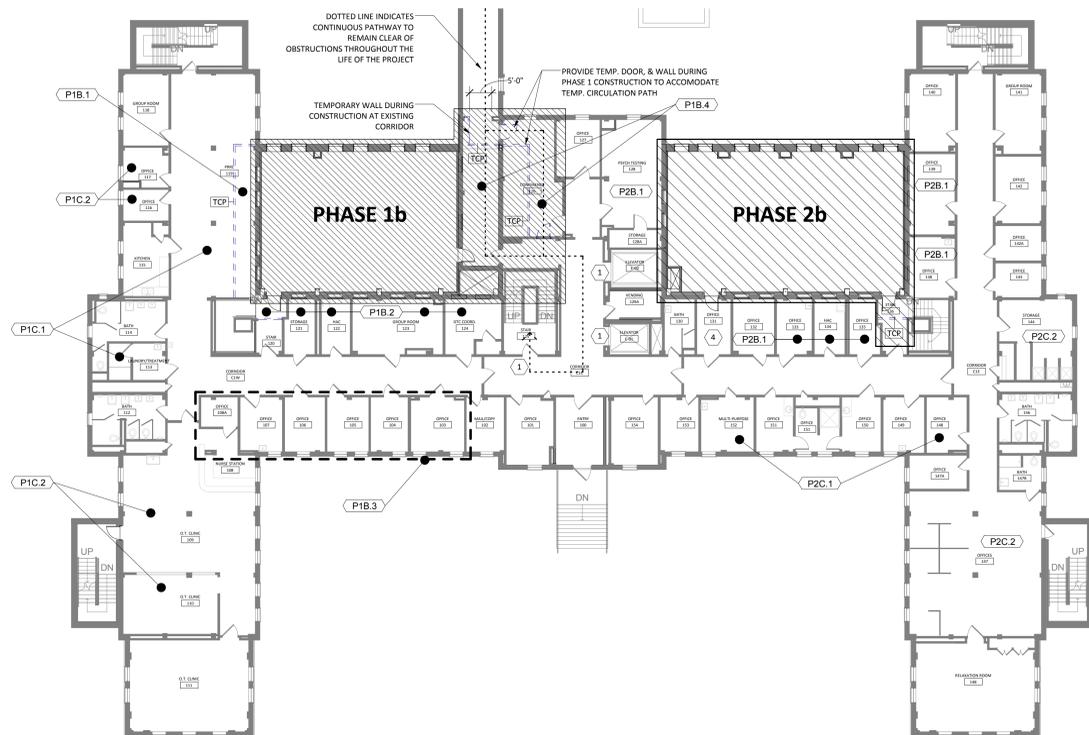
**PROJECT NO.:** 656-12-339

**DRAWING NO.:** G101

**LOCATION:** ST. CLOUD VA MEDICAL CENTER ST. CLOUD, MN 56303



1 BASEMENT PLAN - PHASING  
1/16" = 1'-0"



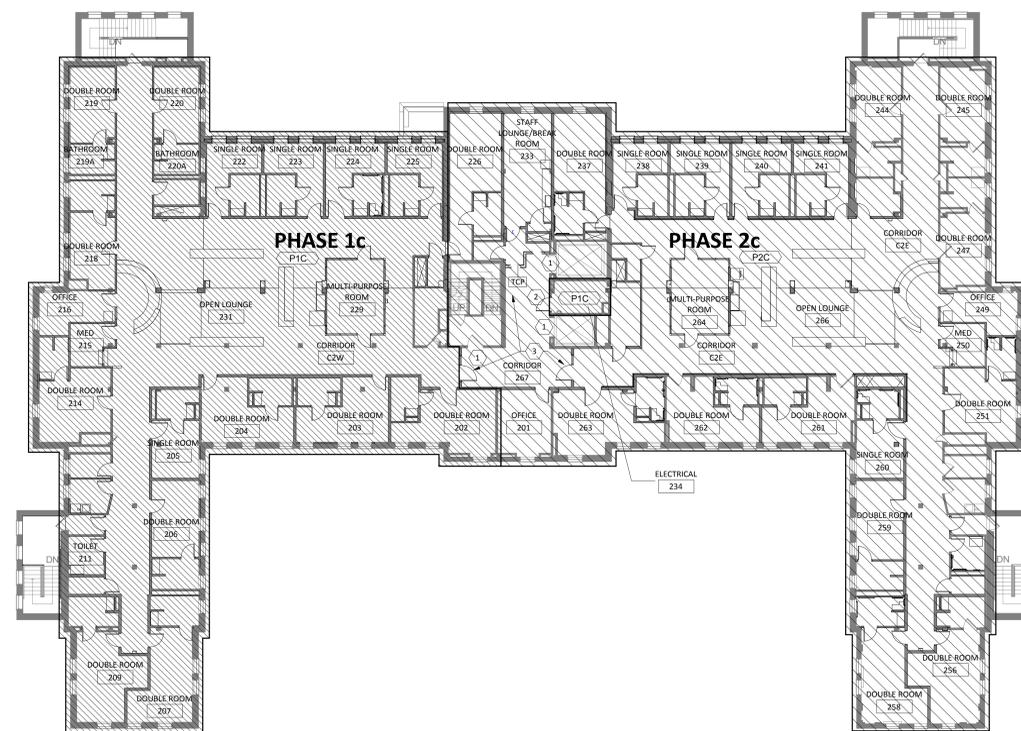
2 FIRST FLOOR PLAN - PHASING  
1/16" = 1'-0"

PHASING SEQUENCE NOTES		
Phase	DURATION OF WORK	NOTE
P1A		
P1B.1	5 CONSECUTIVE DAYS	
P1B.2	5 CONSECUTIVE DAYS	
P1B.3	1 WEEKEND IN EA. ROOM	
P1B.4	3 WEEKS	CONSTRUCTION SURROUNDING EXIST. CORRIDOR MUST OCCUR WITHIN 3 CONSECUTIVE WEEKS. CORRIDOR MUST BE FULLY OPERATIONAL FOLLOWING THE 3 WEEKS OF BEING CLOSED FOR CONSTRUCTION.
P1C		NO DEMO MAY OCCUR ON 2ND FLOOR UNTIL INFILL WORK IS COMPLETE, AND THE CONNECTING CORRIDOR IS BACK IN SERVICE. OWNER WILL BE USING AREAS OF SW WING AS TEMP SPACE DURING BASEMENT AND FIRST FLOOR WINDOW INFILL WORK.
P1C.1	3 CONSECUTIVE WEEKENDS	
P1C.2	1 WEEKEND	
P2A.1	5 CONSECUTIVE DAYS	
P2B.1	5 CONSECUTIVE DAYS	
P2C		
P2C.1	1 WEEKEND IN EA. SPACE	
P2C.2	3 CONSECUTIVE WEEKENDS	

PHASING PLAN GENERAL NOTES

- COORDINATE ALL CONSTRUCTION SEQUENCING WITH V.A. PROJECT C.O.R. PRIOR TO BEGINNING ANY WORK.
- CONSTRUCTION BARRIERS TO BE BUILT AS FOLLOWS:  
- FULL HEIGHT TO UNDERSIDE OF STRUCTURE ABOVE  
- 1/2" AIR GAPS WITH ACOUSTIC INSULATION  
- FINISHED ON PATIENT/PUBLIC SIDE
- 5'-0" CLEAR MINIMUM DIMENSION TO BE MAINTAINED AT CORRIDORS WITH A CONSTRUCTION BARRIER. CLEAR DIMENSION INCLUDES HANDRAILS, ETC.
- SPRINKLER HEADS MUST BE A MINIMUM 4" OFF A WALL. TEMPORARILY RELOCATE HEADS AS NEEDED FOR CONSTRUCTION BARRIER PLACEMENT.
- TEMPORARILY RELOCATE FIXTURES AND DEVICES AS NOTED TO COMPLETE CONSTRUCTION BARRIER INSTALLATION.
- REPLACE ANY DAMAGED A.C.T. GRID AND CEILING WITH NEW A.C.T. OR FOR THE DAMAGED PIECES, MATCH EXIST.
- RETURN TEMPORARILY RELOCATED SPRINKLER HEADS, FIXTURES, AND DEVICES TO ORIGINAL LOCATIONS UNLESS INDICATED OTHERWISE.
- AT NO TIME THROUGHOUT THE PROJECT MAY THE CONSTRUCTION WORK OR EQUIPMENT REQUIRED FOR COMPLETING THE WORK OBSTRUCT ACCESS TO STAIRS AND ELEVATORS.
- DASHED WALLS AND INDICATE TEMPORARY CONSTRUCTION PARTITIONS.

PHASING KEYNOTES	
NO.	NOTE
1	ACCESS TO ELEVATORS AND STAIRS TO BE MAINTAINED THROUGHOUT DURATION OF CONSTRUCTION
2	COORDINATE INSTALL OF CABLE TRAY AND CONDUIT TO/FROM ELEC. RM 234 WITH COR. ACCESS TO STAIR AND ELEVATOR MUST BE MAINTAINED.
3	COORDINATE INSTALL OF NEW FINISHES WITH COR. VERTICAL CIRCULATION TO REMAIN ACCESSIBLE THROUGHOUT CONSTRUCTION.
4	ROOM 131 BECOMES A CORRIDOR AND DOES NOT GET TURNED OVER TO OWNER WITHIN 5 DAY PERIOD OF P2B.1 WDW INFILL WORK.



3 SECOND FLOOR PLAN - PHASING  
1/16" = 1'-0"

NO.	REVISION	DATE

I HAVE REVIEWED THE ATTACHED CODE PLAN AND HAVE FOUND IT TO BE IN GENERAL CONFORMANCE WITH THE CODES AND STANDARDS LISTED AND THAT I AM A LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

*Lewis Anderson*  
LEWIS E. ANDERSON, PE REG. NO. MN-2554  
DATE: 12-31-2013

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STAMPED:  
DANIEL J. MILLER, AIA REG. NO. MN-48818  
DATE: 12-20-2013

DRAWING TITLE  
PHASING PLAN

PROJECT TITLE  
RECONFIGURE/EXPAND BUILDINGS 28 & 9 FOR RESIDENTIAL REHABILITATION TREATMENT PROGRAM

DATE: 12.20.13  
REVISED AS NOTED  
PROJECT NO. 656-12-339

BUILDING NO. 28  
DESIGNED BY DJM  
DRAWN BY ADB

LOCATION: ST. CLOUD VA MEDICAL CENTER ST. CLOUD, MN 56303

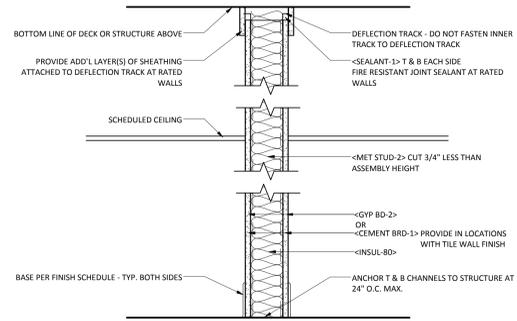
DRAWING NO. G1002

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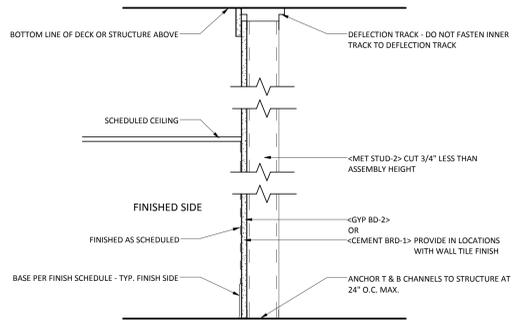
FOR CONSTRUCTION



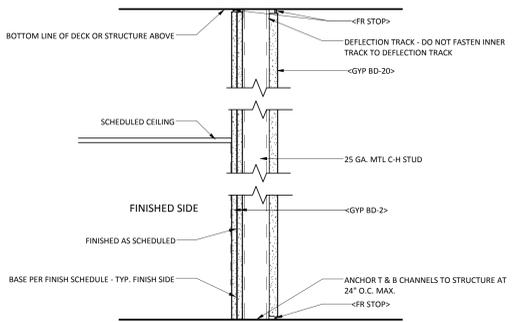
PROJECT MATERIAL ID LIST		
MATERIAL ID	SPEC. SECTION & DESCRIPTION	
VPR RET-4	03 3000 - 15 MIL UNDERSLAB VAPOR RETARDER	
BRICK TIE-4	04 2000 - BRICK TIE SUITABLE FOR BACKUP WALL CONSTRUCTION	
BRICK-1	04 2000 - FACE BRICK	
CMU-1	04 2000 - NORMAL WEIGHT CMU	
TWF-1	04 2000 - SELF-ADHERING MEMBRANE THRU-WALL FLASHING	
CAST STN-1	04 7200 - CAST STONE SILL, HEADER, WALL CAP	
WD BKG-1	06 1000 - EXPOSED OR CONCEALED WOOD BLOCKING	
WD BKG-2	06 1000 - FIRE RETARDANT TREATED WOOD BLOCKING	
WD STG-22	06 1000 - PLYWOOD WALL SHEATHING, A-D PLYWOOD	
CEMENT BRD-1	06 1663 - CEMENT BOARD SHEATHING BEHIND WALL TILE	
PNG-4	06 2000 - SELECT WHITE MAPLE PANEL, TRANSPARENT FINISH	
FLAM CASE-1	06 4100 - ARCHITECTURAL PLASTIC LAMINATE-CLAD CASEWORK	
INSUL-2	07 2100 - EXTRUDED POLYSTYRENE WALL INSULATION	
INSUL-15	07 2100 - POLYISOCYANURATE INSULATION, FOIL FACED	
VPR RET-5	07 2200 - 40 MIL SELF-ADHERED VAPOR BARRIER	
INSUL-S1	07 2200 - TAPERED POLYISO OVER FLAT POLYISO ROOF INSULATION	
RF UNDMNT-1	07 2500 - NO. 15 ASPHALT FELT ROOFING UNDERLAYMENT	
VPR RET-10	07 2500 - SELF-ADHERED OR LIQUID APPLIED VAPOR RETARDER	
SHINGL-1	07 3113 - LAMINATED FIBERGLASS SHINGLES	
EPDM-2	07 5300 - FULLY ADHERED EPDM ROOFING SYSTEM	
FR STOP	07 8400 - THROUGH PENETRATION FIRESTOPPING	
SEALANT-1	07 9005 - JOINT SEALANT	
SEALANT-2	07 9005 - JOINT SEALANT WITH BACKER ROD	
ALUM WDW-1	08 5113 - ALUMINUM WINDOW	
FIRE GL-2	08 8000 - FIRE RATED GLAZING AND FRAME SYSTEM, 45 MINUTES	
FIRE GL-1	08 8000 - FIRE RATED SAFETY GLAZING, 1/4" THICK, 20 MINUTES	
TEMP GL-1	08 8000 - TEMPERED CLEAR ANNEALED GLASS, 1/4" THICK	
GYP BD-20	09 2116 - 1" FIRE-RATED TYPE 'X' GYPSUM SHAFT LINER	
GYP BD-1	09 2116 - 1/2" FIRE-RATED TYPE 'X' GYPSUM BOARD	
GYP BD-2	09 2116 - 5/8" FIRE-RATED TYPE 'X' GYPSUM BOARD	
INSUL-80	09 2116 - MINERAL WOOL ACOUSTICAL INSULATION	
MET STUD-2	09 2116 - NON-LOAD BEARING STEEL STUDS	
CER TILE-20	09 3000 - CERAMIC FLOOR TILE	
CER TILE-21	09 3000 - CERAMIC FLOOR TILE ACCENT	
CER TILE-22	09 3000 - CERAMIC FLOOR TILE ACCENT	
CER TILE-10	09 3000 - CERAMIC WALL TILE	
CER TILE-11	09 3000 - CERAMIC WALL TILE ACCENT	
CER TILE-12	09 3000 - CERAMIC WALL TILE ACCENT	
TILE TRIM-30	09 3000 - METAL TRIM	
VCT-2	09 6500 - VINYL COMPOSITE TILE	
CPT BASE-1	09 6800 - CARPET BASE	
CPT-1	09 6800 - ROLL CARPETING	
CPT TILE-1	09 6813 - CARPET TILE	
PT-1	09 9000 - PAINT	
PT-2	09 9000 - PAINT - ACCENT	
PT-3	09 9000 - PAINT - ACCENT	
CORN GRD-2	10 2801 - SURFACE MOUNTED PLASTIC CORNER GUARD	
GRAB BAR-24	10 2800 - 1-1/2" OD STAINLESS STEEL GRAB BAR, 24"	
GRAB BAR-18	10 2800 - 1-1/2" OD STAINLESS STEEL GRAB BAR, 18"	
GRAB BAR-36	10 2800 - 1-1/2" OD STAINLESS STEEL GRAB BAR, 36"	
GRAB BAR-42	10 2800 - 1-1/2" OD STAINLESS STEEL GRAB BAR, 42"	
BBY CHNG-1	10 2800 - BABY CHANGING STATION, POLYETHYLENE, WALL MOUNTED	
SHWR SEAT-1	10 2800 - FOLDING SHOWER SEAT, PHENOLIC SLATS, STAINLESS STEEL FRAME	
MED CAB-1	10 2800 - MEDICINE CABINET, SURFACE MOUNTED	
MIRROR-10	10 2800 - STAINLESS STEEL ANGLE FRAME MIRROR	
TP DISP-1	10 2800 - TOILET PAPER DISPENSER, SINGLE ROLL, SURFACE MOUNT	
FIRE CAB-1	10 4400 - FIRE EXTINGUISHER CABINET	
S SURF-10	12 3600 - 12" SOLID SURFACE COUNTERTOP	
FLR MAT-1	12 4813 - ENTRANCE FLOOR MAT	
ACC-1	12 5900 - OFFICE ACCESSORY - KEYBOARD TRAY	
ACC-2	12 5900 - OFFICE ACCESSORY - PENCIL DRAWER	
SYS CAB-2	12 5900 - OFFICE CABINET - BOX/BOX/FILE	
SYS CAB-1	12 5900 - OFFICE CABINET - FILE/FILE	
SYS FURN-1	12 5900 - OFFICE FURNITURE SYSTEM - 30" HEIGHT	
SYS FURN-2	12 5900 - OFFICE FURNITURE SYSTEM - 42" HEIGHT	
Keynote	Description	



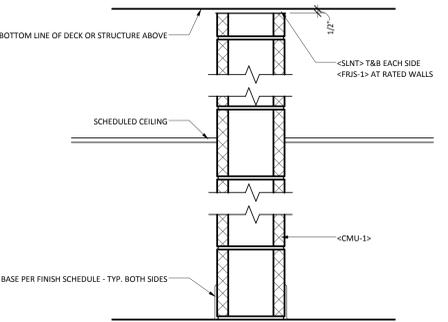
PARTITION TYPE 1							
WALL TAG	STUD SIZE & SPACING	WIDTH	G.B. THK (EA. SIDE)	INSUL THICK.	RATING	UL NO.	COMMENTS
1A	3 5/8" M.S. @ 16" O.C.	4 7/8"	5/8"	FILL CAVITY			
1a	25 GA. 3 5/8" 24" O.C.	4 7/8"	5/8"	3" SAFB		U419	STC 49
1b	25 GA. 5 1/2" 24" O.C.	7 1/4"	5/8"	3" SAFB		U419	STC 49



PARTITION TYPE 2							
WALL TAG	STUD SIZE & SPACING	WIDTH	G.B. THK (EA. SIDE)	INSUL THICK.	RATING	UL NO.	COMMENTS
2a	24 GA. 1 1/2" 16" O.C.	3 3/8"	5/8" ONE SIDE	N/A	N/A	N/A	
2b	24 GA. 3 5/8" 16" O.C.	4 1/4"	5/8" ONE SIDE	N/A	N/A	N/A	

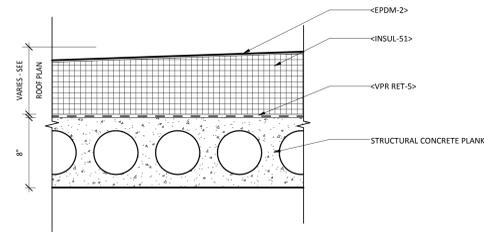


PARTITION TYPE 3							
WALL TAG	STUD SIZE & SPACING	WIDTH	G.B. THK (EA. SIDE)	INSUL THICK.	RATING	UL NO.	COMMENTS
3a	25 GA. 4" C-H STUD 16" O.C.	5 1/4"	(2) 5/8" ONE SIDE/1" SHAFT LINER	N/A	2HR	U415	
3b	25 GA. 6" C-H STUD 16" O.C.	7 1/4"	(2) 5/8" ONE SIDE/1" SHAFT LINER	N/A	2HR	U415	

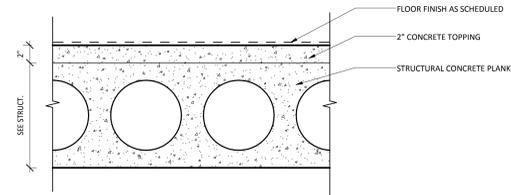


PARTITION TYPE M							
WALL TAG	BLOCK SIZE (NOM.)	WIDTH	G.B. THK (EA. SIDE)	INSUL THICK.	RATING	UL NO.	COMMENTS
M8	8"	7 3/8"					
M12	12"	11 5/8"					

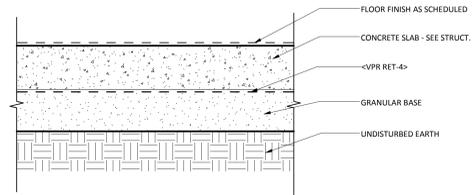
ROOF TYPE R1



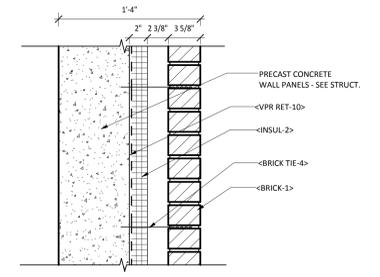
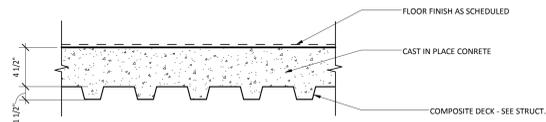
FLOOR TYPE F1



FLOOR TYPE F2

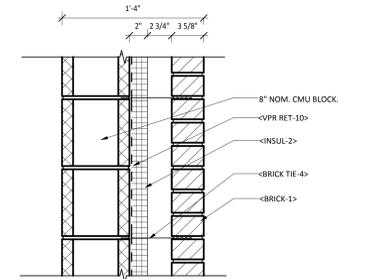


FLOOR TYPE F3



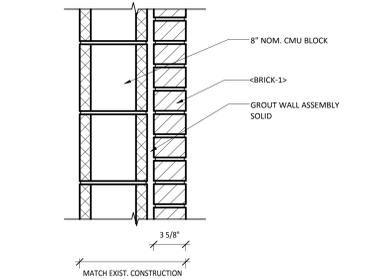
CAVITY WALL WITH PRECAST BACKUP				
TAG	STRUCTURAL THICKNESS	INSULATION THICKNESS	R-VALUE	COMMENTS
W1a	0' - 8"	2.5"	15.72	
W1b	0' - 10"	2.5"	15.72	

WALL TYPE W1



CAVITY WALL WITH BLOCK BACKUP				
TAG	STRUCTURAL THICKNESS	MIN. EQUIVALENT THICKNESS (IBC Table 7.2.1.3.2)	R-VALUE	COMMENTS
W2		4.2"	15.72	

WALL TYPE W2



WALL TYPE W3

EXTERIOR WALL AT INFILL LOCATIONS

SHEET MATERIAL ID LIST	
MATERIAL ID	SPEC SECTION & DESCRIPTION
BRICK TIE-4	04 2000 - BRICK TIE SUITABLE FOR BACKUP WALL CONSTRUCTION
BRICK-1	04 2000 - FACE BRICK
CEMENT BRD-1	06 1663 - CEMENT BOARD SHEATHING BEHIND WALL TILE
EPDM-2	07 5300 - FULLY ADHERED EPDM ROOFING SYSTEM
FR STOP	07 8400 - THROUGH PENETRATION FIRESTOPPING
GYP BD-2	09 2116 - 5/8" FIRE-RATED TYPE 'X' GYPSUM BOARD
GYP BD-20	09 2116 - 1" FIRE-RATED TYPE 'X' GYPSUM SHAFT LINER
INSUL-2	07 2100 - EXTRUDED POLYSTYRENE WALL INSULATION
INSUL-S1	07 2200 - TAPERED POLYISO OVER FLAT POLYISO ROOF INSULATION
INSUL-80	09 2116 - MINERAL WOOL ACOUSTICAL INSULATION
VPR RET-4	03 3000 - 15 MIL UNDERSLAB VAPOR RETARDER
VPR RET-5	07 2200 - 40 MIL SELF-ADHERED VAPOR BARRIER
VPR RET-10	07 2500 - SELF ADHERED OR LIQUID APPLIED VAPOR RETARDER

100% CD SET

FOR CONSTRUCTION

No.	REVISION	DATE



JLG 11129

STAMPED: DANIEL J. MILLER, AIA  
DATE: 12-20-2013

DRAWING TITLE: TYPICAL ASSEMBLIES  
PROJECT TITLE: RECONFIGURE/EXPAND BUILDINGS 28 & 9 FOR RESIDENTIAL REHABILITATION TREATMENT PROGRAM  
DATE: 12-20-13  
REVISED: AS NOTED  
PROJECT NO: 656-12-339  
DRAWING NO: G1003

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